

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 117 23628

Approval Date: 12/10/2014
Expiration Date: 06/10/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 20N Rge: 5E County: PAWNEE
SPOT LOCATION: C NE NW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2310 990

Lease Name: A.H. FUSS Well No: 1-4 Well will be 330 feet from nearest unit or lease boundary.
Operator Name: TARKA ENERGY LLC Telephone: 5804709230 OTC/OCC Number: 23529 0

TARKA ENERGY LLC
PO BOX 190
DUNCAN, OK 73534-0190

MARK CARL AND CONNIE FUSS, H/W
49451 EAST 54TH ROAD
PAWNEE OK 74058

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 CLEVELAND	2892	6 WOODFORD	3694
2 PRUE	3241	7 SIMPSON DOLOMITE	3720
3 SKINNER	3304	8 WILCOX	3732
4 RED FORK	3426	9	
5 MISSISSIPPI LIME	3670	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3970 Ground Elevation: 1068 **Surface Casing: 90** Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
FRAC FOCUS	11/24/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	12/5/2014 - G72 - FORMATIONS UNSPACED 80 ACRE LEASE N2 SW4.

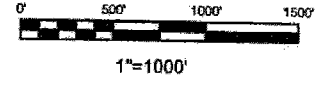
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Well Location Plat

Sec. 4-20N-5E I.M.

117-23628

Operator: TARKA ENERGY, LLC
 Lease Name and No. : A.H. FUSS 1-4
 Footage : 2310' FSL - 990' FWL GR. ELEVATION : 1085' Good Site? YES
 Section: 4 Township: 20N Range: 5E I.M.
 County : Pawnee State of Oklahoma
 Terrain at Loc. : Location fell in a plowed field with winter wheat, ±177' South of East-West Lease Road.
 Accessibility : From the North.
 Directions : From the junction of US Highway 64 & State Highway 18 in the town of Pawnee, OK, go 5.0 miles South on State Highway 18, to a lease rd ±225' South of the West quarter of Section 4-20N-5E.



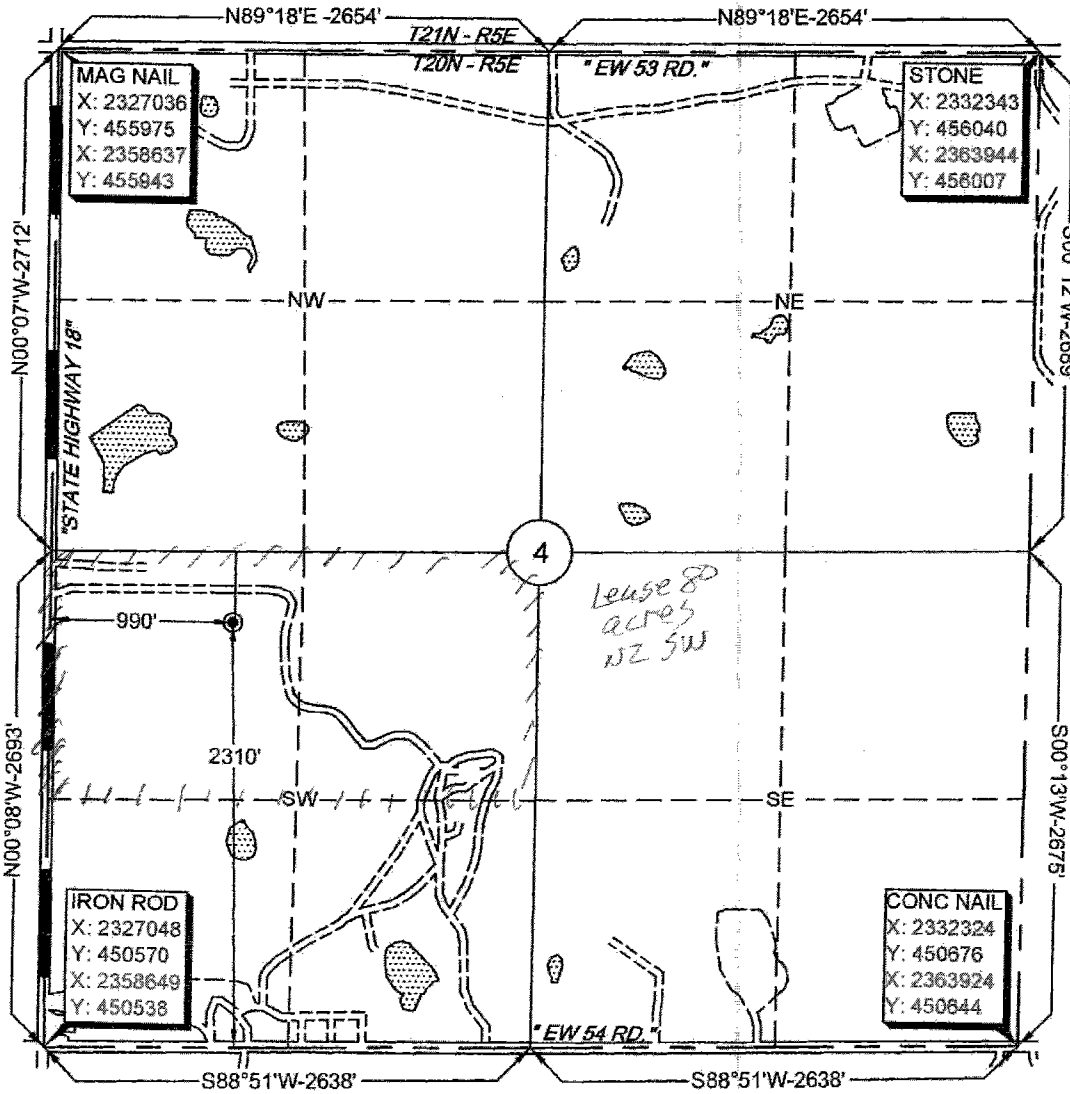
GPS DATUM
 NAD 83
 OK NORTH ZONE
 NAD 27
 OK NORTH ZONE

Surface Hole Loc.:
 Lat: 36.23796478
 Lon: -96.78081944
 X: 2328033
 Y: 452900

Surface Hole Loc.:
 Lat: 36.23790605
 Lon: -96.78050867
 X: 2359633
 Y: 452868

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK. GPS.

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true boundary survey.



Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

survey and plat by,
Arkoma Surveying and Mapping, PLLC
 P.O. Box 238 Wilburton, OK 74578
 Ph. 918-465-5711 Fax 918-465-5030
 Certificate of Authorization No. 5348
 Expires June 30, 2016

Invoice # 5101
 Date Staked : 11/18/14 By: J.W.
 Date Drawn : 11/19/14 By: J.H.

Certification:
 This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Stan Drannon 11/20/14
STAN DRANNON OK LPLS 1672

